青海赖草属一新种

智 丽[1] 蔡联炳[2]

(1. 西南农业大学园艺园林学院，重庆 400716)
(2. 中国科学院西北高原生物研究所，西宁 810001)

摘 要 报道了青海赖草属植物一新种：圆稃赖草(*Leymus oblongolenmatus* L. Zhi et L. B. Cai)。该种的主要特征如下：多年生草本，杆直立、光滑、疏丛，高60～90 cm。叶鞘粗糙，边缘膜质，长于或短于节间，叶舌膜质；叶片边缘内卷。穗状花序直立、密集、黄绿色，长10～15 cm，宽5～15 mm，穗轴粗糙，小穗常3～4枚生于每节，含3～6小花；颖披针形，长4～7 mm，具3～5脉，边缘膜质；外稃长圆状披针形，不明显3脉，背部疏生短柔毛；花药黄色，长4～5 mm。该种与*L. paboahus*相似。

关键词 赖草属；圆稃赖草；新种；青海；中国

A new species of *Leymus* Hochst. from Qinghai, China

ZHI Li[1] CAI Lian-Bing[2]

(1. College of horticulture Southwest Agricultural University, Chongqing 400716)
(2. Northwest Plateau Institute of Biology, the Chinese Academy of Sciences, Xining 810001)

Abstract A new species of *Leymus* in Qinghai, China is reported, and it's called *L. oblongolenmatus* L. Zhi et L. B. Cai. The main characters are described as follows: Perennial herbs. Stems are erect and glabrous, few and scattered, 60～90 cm. tall. tough leaf-sheath, membranaceous on margins, longer or shorter than internodes, membranaceous ligules; Leaf blades involute on margins. Spikes are erect, conferted and flavo-green, 10～15 cm. long, 5～15 mm. wide. tough rachis, each node of rachis are with 3～4 spikelets, with 3～6 florets. Glumes lanceolate, 4～7 mm long and three to five-nerved, membranaceous on margins. Lemmas prolate spheroidal and lanceolate, obscurely three-nerved, with sparse short-pilose on the back. Anther flavescent, 4～5 mm. long. This species is similar to *L. paboahus*.

Key words *Leymus*; *L. oblongolemmatus*; new species; Qinghai; China

圆稃赖草 新种 图1：1－7

Leymus oblongolemmatus L. Zhi et L. B. Cai sp. nov. Fig. 1：1－7.

Species nova *L. paboano* (Claus) Pilger similis, sed spiculis vulgo 3－4 natis e nodo; glumis lanceolatis, 4－7 mm longis; lemmatibus oblongolanceolatis, dorso pubescentibus; antheris 4－5 mm longis bene differt.

Herbae perennes, rhizomatibus deorsum extensis. Culmi erecti, glabri, laxe caespitosi, 60－90 cm alti, 2－3 mm diam. , 3－4-nodes. Vaginae foliorum scabrae, margine membranaceae, internodiis longiores vel breviores, basales saepe laceratae in fibras et persistentes; ligulae membranaceae, circ. 0.9 mm longae; laminae margine involutae, 6－17 cm lon-

第一作者简介：智丽(1973—)，女，讲师，硕士，主要从事植物分类学教学与研究工作。
收稿日期：2004－11－12

gae, 2 – 4 mm latae, supra scabrella, infra glabrae. Spicae erectae, confertae, flavovirentes, 10 – 15 cm longae, 5 – 15 mm latae; rhachides scabrae, internodiis generatim 3 – 5 mm longis, basalibus 13 mm longis; spiculae vulgo 3 – 4 natae e nodo, 6 – 13 mm longae, 3 – 6-florae; glumae lanceolatae, 4 – 7 mm longae, 3 – 5-nerves, margine membranaceae, dorso scabrae, apice in aristas angustatae, duae subaequales; lemmata oblongo-lanceolata, obscure 3-nervia, dorso sparsim pubescentia, apice in aristas angustata, id primum 10 – 11 mm longum; paleae lemmata subaequantes, ad carinas glabrae vel sparsim breviter spinifrae; antherae flavae, 4 – 5 mm longae.

Qinghai(青海): Dulan(都兰), Farm Nuomuhong(诺木红农场), in wastelands, alt. 2 900 m, 1998 – 08 – 28, L. B. Cai (蔡联炳) 0015 (holotypus, HNWP)。

多年生草本,具下伸根状茎。杆直立,光滑,疏丛,高 60 ~ 90 cm,径 2 ~ 3 mm,具 3 ~ 4 节。叶鞘粗糙,边缘膜质,长于或短于节间,基部者常撕裂呈纤维状,宿存;叶舌膜质,长约 0.9 mm;叶片边缘内卷,长 6 ~ 17 cm,宽 2 ~ 4 mm,上表面粗糙,下表面光滑无毛。穗状花序直立、密集、黄绿色,长 10 ~ 15 cm,宽 5 ~ 15 mm;穗轴粗糙,节间一般长 3 ~ 5 mm,基部可达 13 mm;小穗常 3 ~ 4 枚生于每节,长 6 ~ 13 mm,含 3 ~ 6 小花;颖披针形,长 4 ~ 7 mm,具 3 ~ 5 脉,边缘膜质,背部粗糙,先端狭窄如芒,两颖近等长;外稃长圆状披针形,不明显 3 脉,背部疏生短柔毛,先端狭窄如芒,第一外稃长 10 ~ 11 mm;内稃与外稃几等长;脊上无毛或疏生短刺毛;花药黄色,长 4 ~ 5 mm。

本种与 *Leymus paboanus* (Claus) Pilger 相似,但其小穗常 3 ~ 4 枚生于穗轴 1 节,颖披针形,长 4 ~ 7 mm,外稃长圆状披针形,背部被短柔毛,花药长 4 ~ 5 mm而与之明显不同。

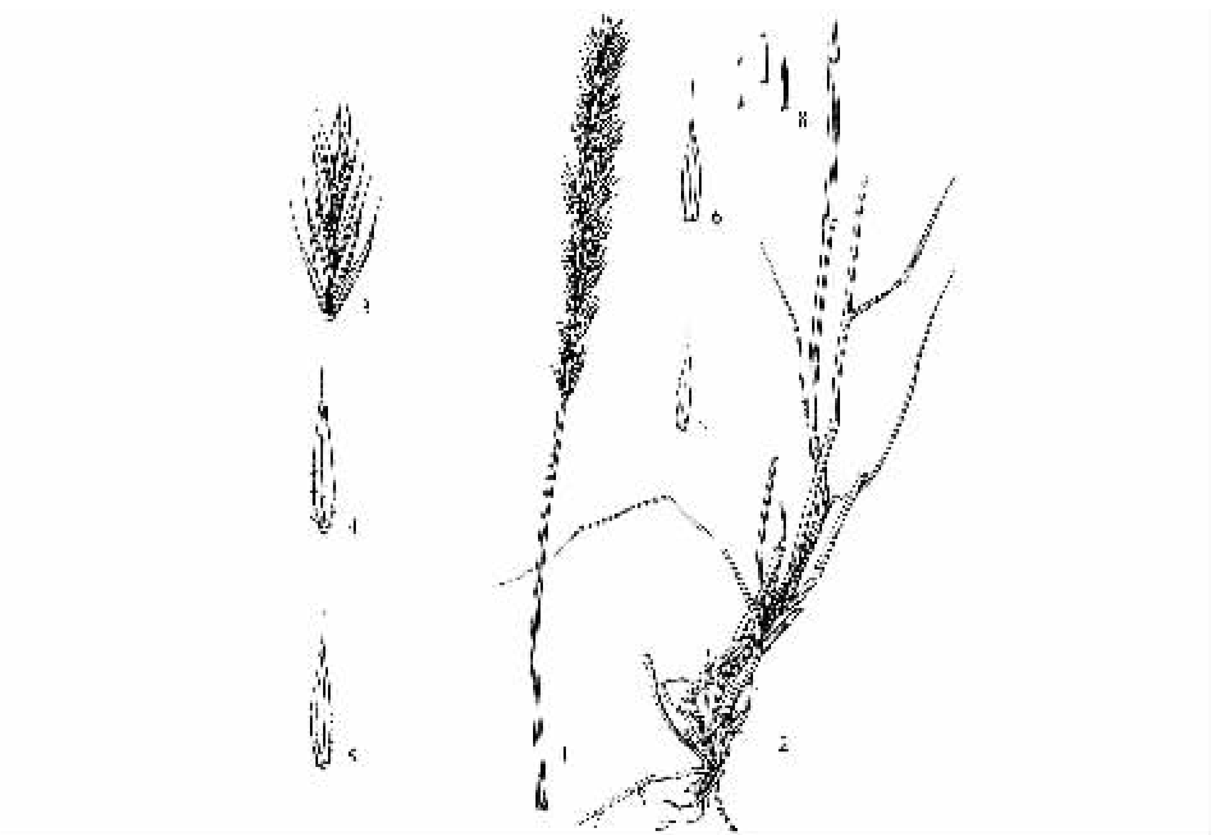


图 1 圆稃赖草 1. 植株上部;2. 植株下部;3. 小穗;4. 第一小花背面;5. 第一小花腹面;6. 第一颖片;7. 第二颖片;8. 花药(1,2. ×1;3 ~ 8. ×3)(王颖绘)

Fig. 1 *Leymus oblongolemmatus* 1. Upper part of plant; 2. Basal part of plant; 3. Spikelet; 4. Dorsal view of the first floret; 5. Ventral view of the first floret; 6. First glume; 7. Second glume; 8. Anthers (1,2. ×1; 3 ~ 8. ×3)